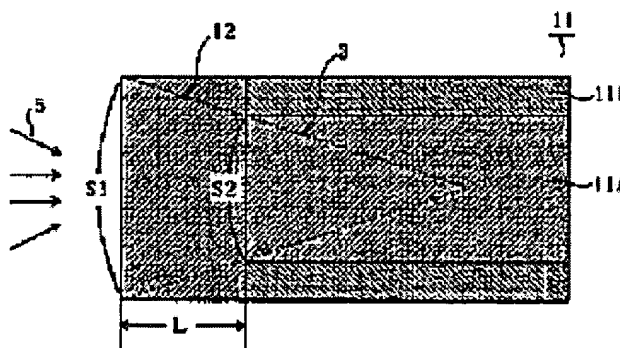


No title available**Publication number:** JP5288967**Publication date:** 1993-11-05**Inventor:** MUTA KENICHI; MORISHITA YUICHI**Applicant:** SHOWA ELECTRIC WIRE & CABLE CO**Classification:****- international:** G02B6/02; G02B6/10; G02B6/42; G02B6/02;
G02B6/10; G02B6/42; (IPC1-7): G02B6/42; G02B6/10**- European:****Application number:** JP19920113058 19920406**Priority number(s):** JP19920113058 19920406**Report a data error here****Abstract of JP5288967**

PURPOSE:To obtain the optical fiber for laser input which gathers light, outputted by a high-output laser light emitting device, in an optical fiber and guides the light. **CONSTITUTION:**A light guide rod 12 having the same external diameter with an optical fiber 11 of normal constitution having a core part 11A and a clad part 11B is connected to an end surface of the optical fiber 11. The light guide rod 12 which has the same refractive index with the core part 11A of the optical fiber 11 and is equal in external diameter to the clad part 11B is used. At this time, the effective core diameter of the optical fiber 11 is increased from a state of sectional area S2 to a state of sectional area S1, where S1 is the sectional area of the light guide rod and S2 is the sectional area of the core part 11A of the optical fiber 11.

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